

**Abstract**

A system (600) for classifying an input image into one of a plurality of output classes includes a plurality of pattern recognition classifiers (620, 622, 624). Each pattern recognition classifier is operative  
5 to process feature data associated with the input image to determine an associated output class of the input image. The system further includes a plurality of feature extractors (610, 612, 614). Each feature extractor extracts feature data from the input image for an associated one of the plurality of pattern recognition classifiers according to a classifier grid  
10 model representing the associated classifier.